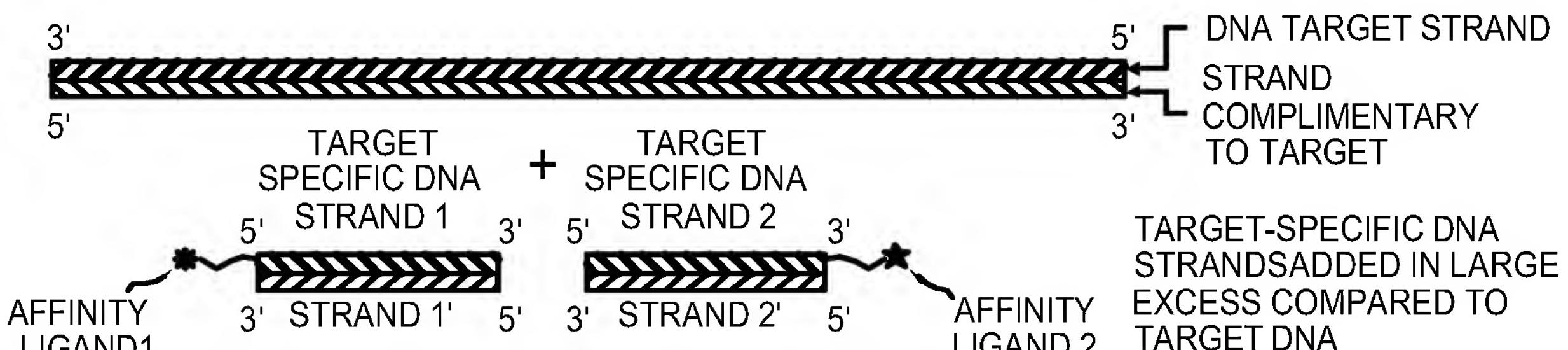


Replacement Sheet

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FIG. 1A



HYBRIDIZATION

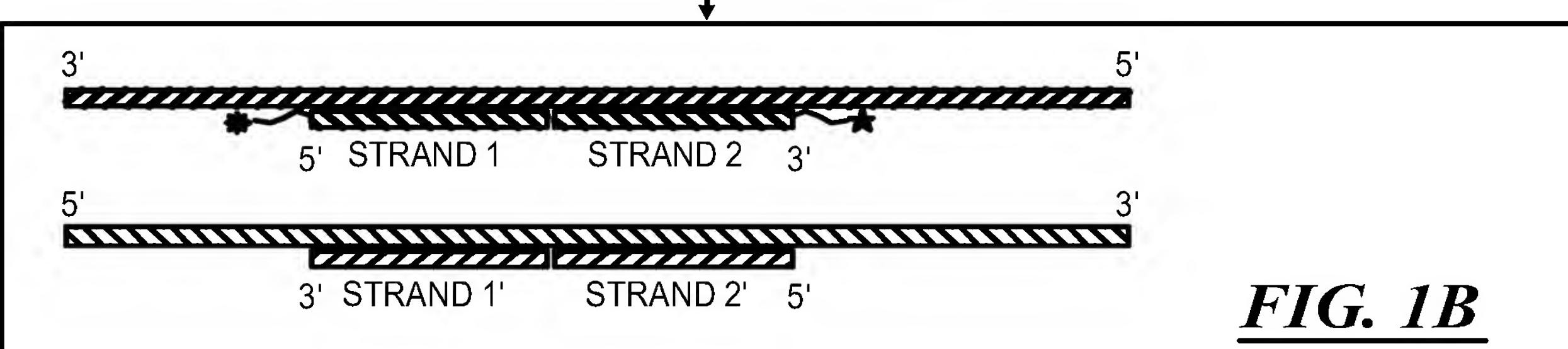


FIG. 1B

LIGATION (MULTIPLE CYCLES)

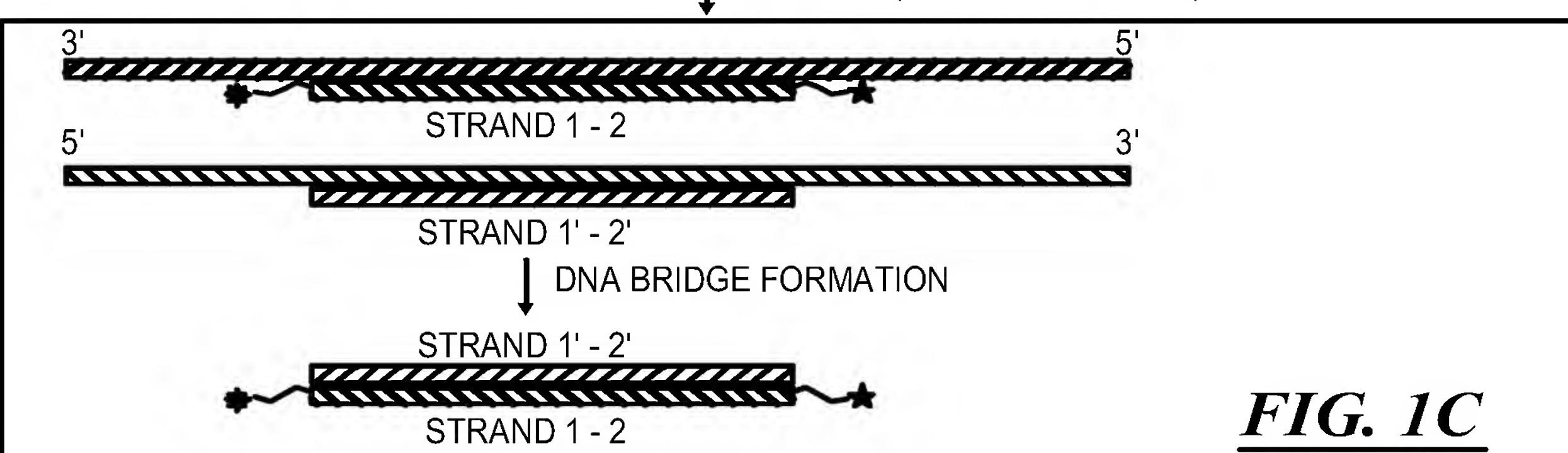


FIG. 1C

ATTACH DNA TO MOLECULAR MOTOR AND DETECTION PROBE

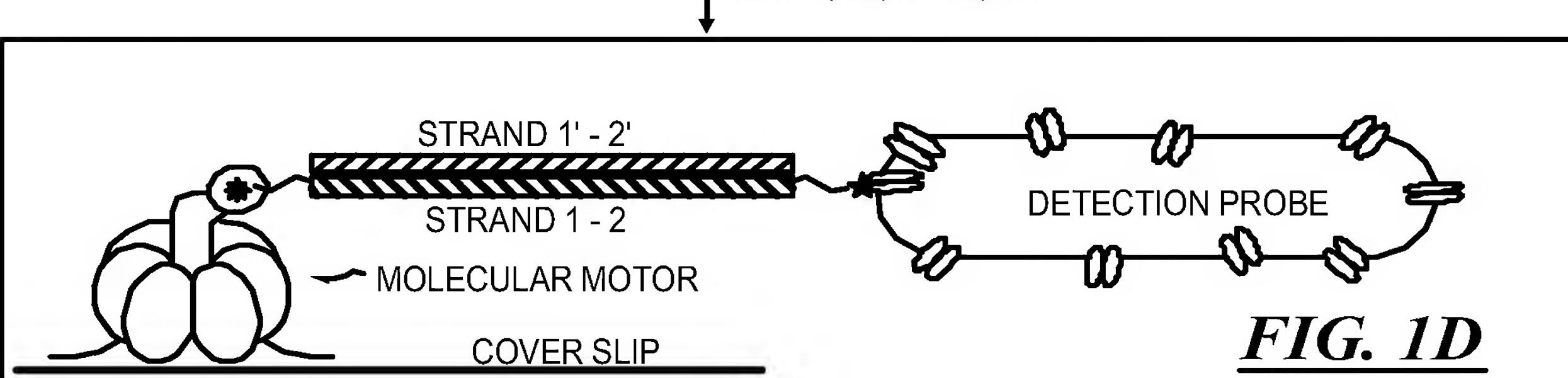
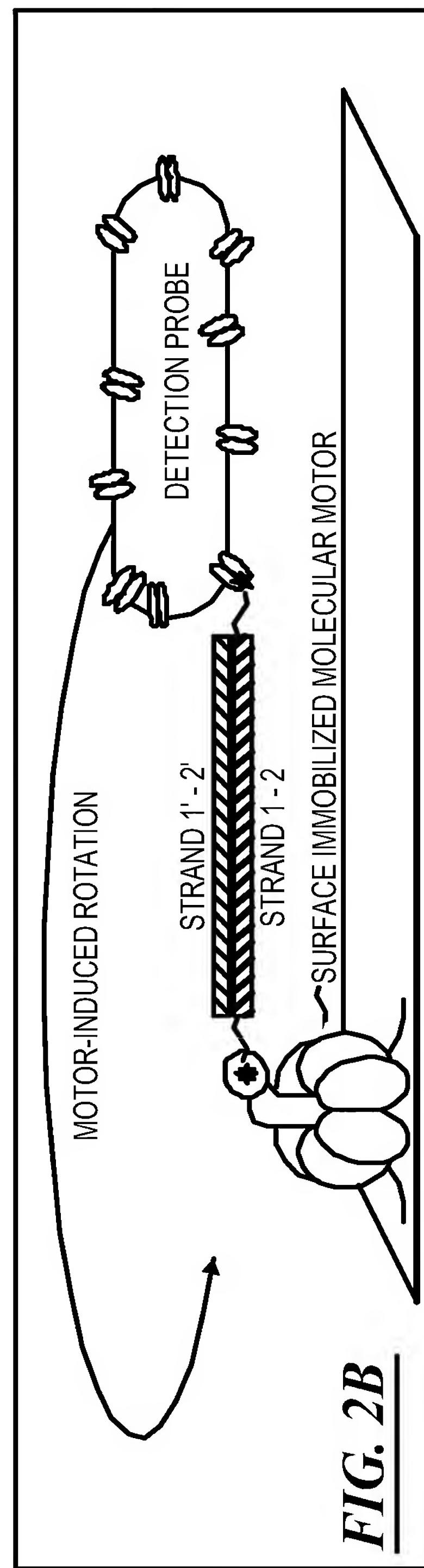
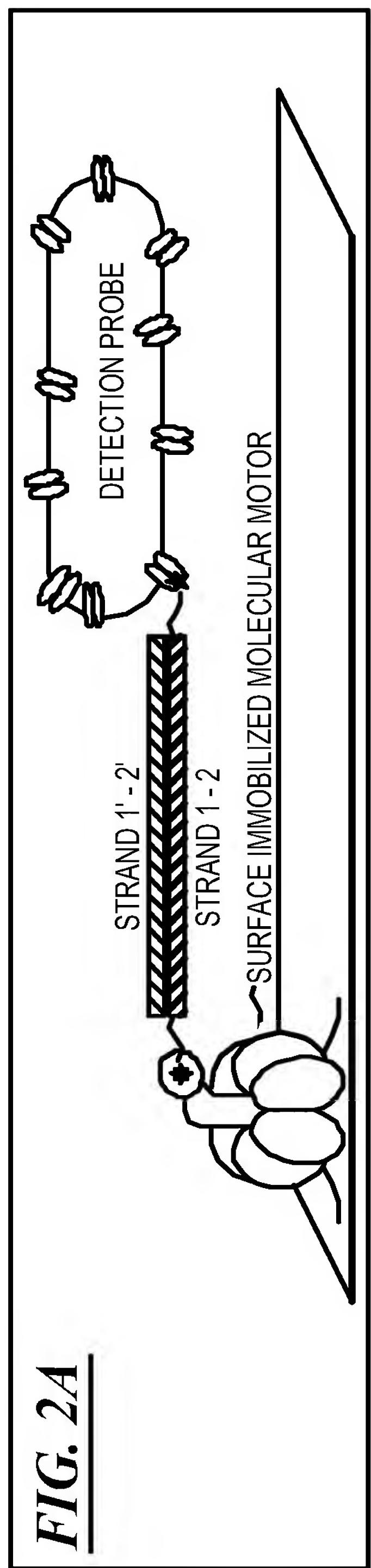


FIG. 1D

Replacement Sheet

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Replacement Sheet

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COMPLETE ASSEMBLY VS. NONSPECIFIC BINDING

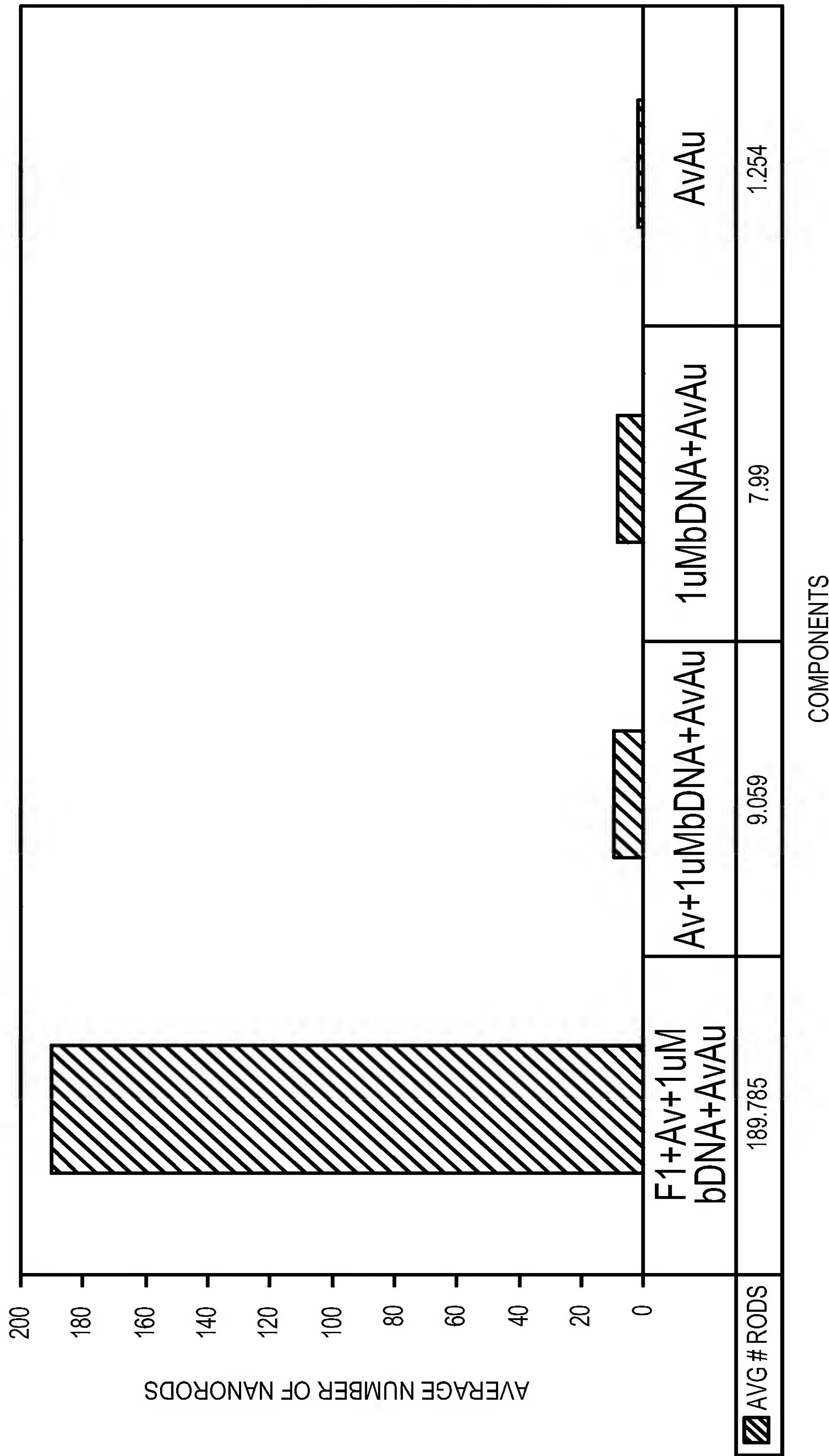


FIG. 3

Replacement Sheet

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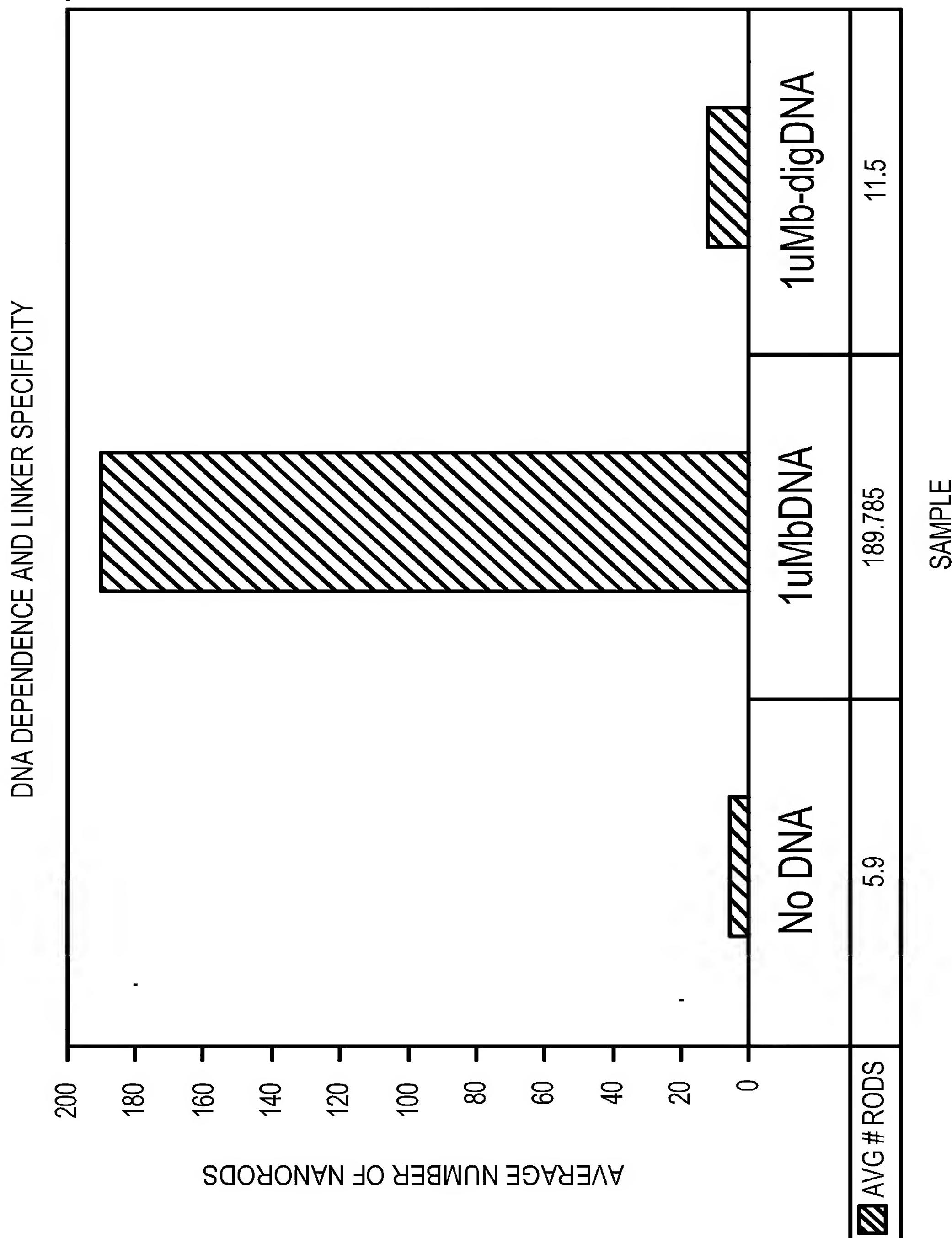


FIG. 4

Replacement Sheet

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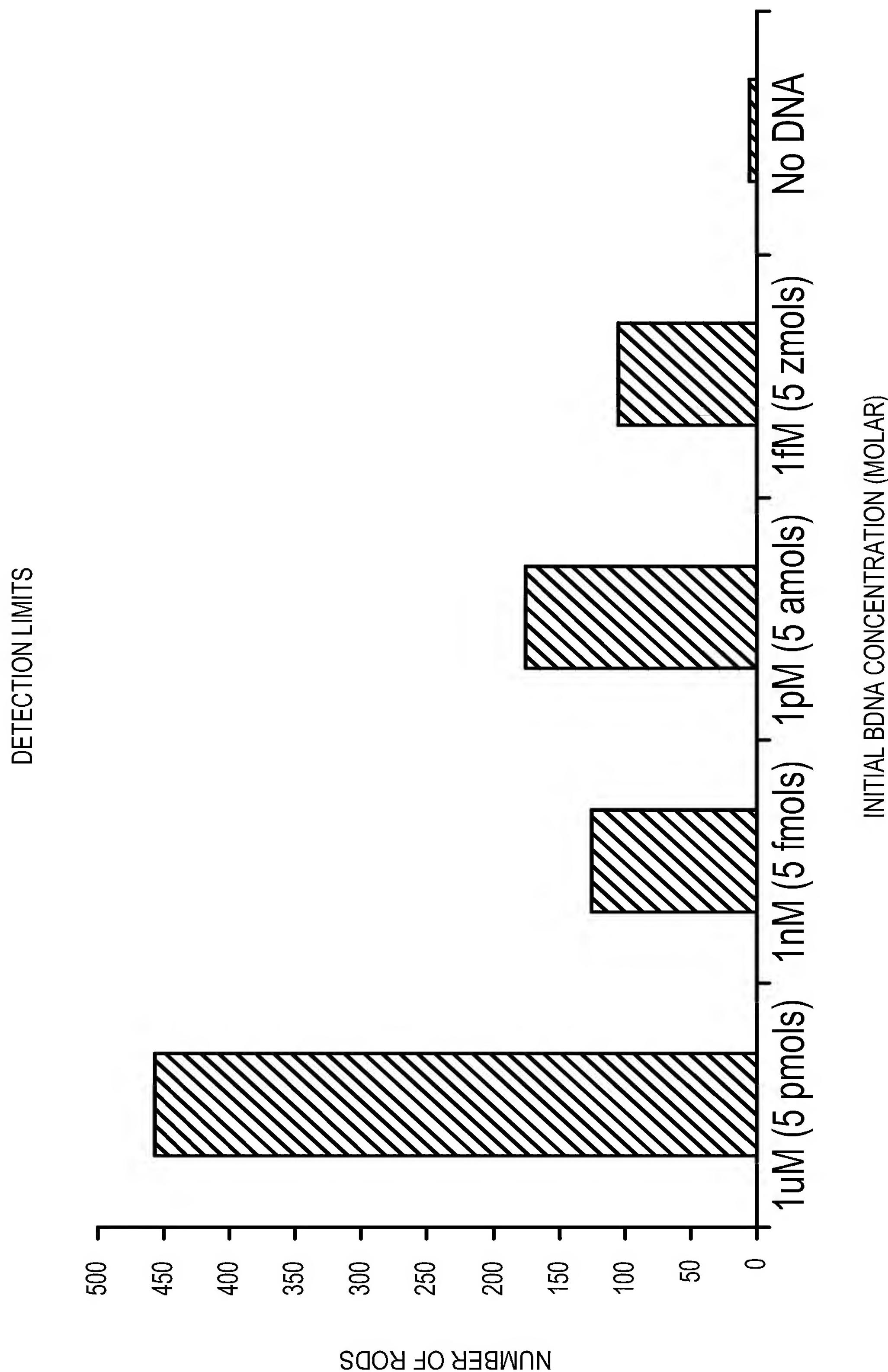
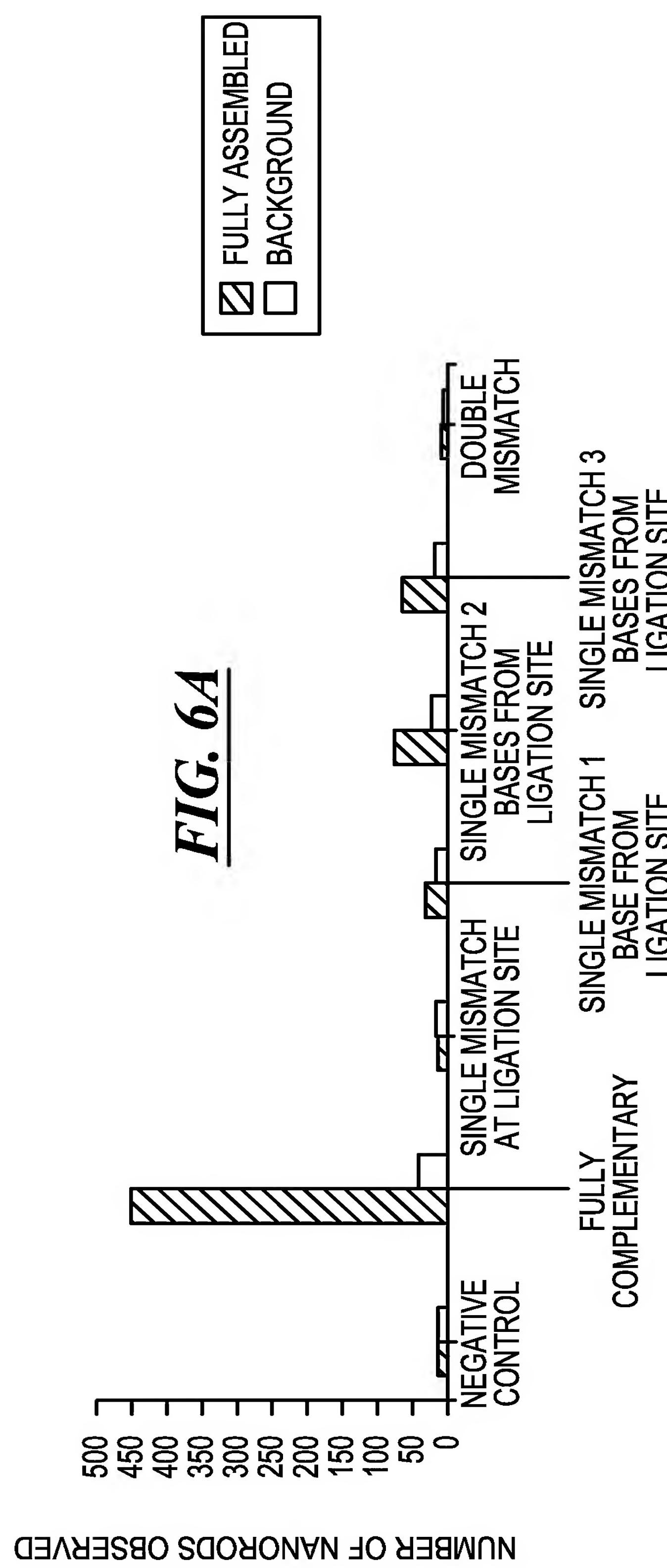


FIG. 5

FIG. 6A**FIG. 6B**